XP-002079253

P-5

1/1 - (C) WPI / DERWENT
AN - 96-230415 ç35!
AP - WO95CN00083 951025; ZA950008979 951024 ; TW960100605 960119 EP950935326 951025; WO95CN00083 951025; çBased on WO9612560 ! CN940117514 941025 BR950009439 951025; WO95CN00083 951025; çBased on WO9612560 ! US950546710 951023
PR - CN940117514 941025
TI - Ion exchange resin, used to prepare bisphenol=A - comprises styrene!-di:vinylbenzene copolymer and has high activity and selectivity
IW - ION EXCHANGE RESIN PREPARATION BISPHENOL-A COMPRISE POLYSTYRENE DI VINYLBENZENE COPOLYMER HIGH ACTIVE SELECT
IN - JIANG H; JIN Z; TAN N; HE B; LIU Z; TAN Q; BINGJUN H; HONGSHOU J; QUI T; ZONGZHANG L; ZUQUAN J
PA - (CHPE-N) CHINA PETROCHEMICAL CORP
- (CHPE-N) CHINA PETRO CHEM CORP
- (UYTI-N) UNIV TIANJIN
- (CHPE-N) CHINA PETROCHEMICAL TECHNOLOGY CO
- (CHPE-N) CHINA PETRO-CHEM CORP
PN - WO9612560 A1 960502 DW9623 B01J31/10 Chn 021pp
- ZA9508979 A 960731 DW9635 B01J0/00 023pp
- TW292980 A 961211 DW9714 B01J37/30 000pp
- EP0788839 A1 970813 DW9737 B01J31/10 Eng 011pp
- CN1121442 A 960501 DW9745 B01J31/10 000pp
- BR9509439 A 971223 DW9806 B01J31/10 000pp
- US5759942 A 980602 DW9829 B01J31/10 000pp
ORD - 1996-05-01
IC - B01J0/00 ; B01J31/10 ; B01J37/30 ; C07C39/16
FS - CPI
DC - A13 A41 A97 E14 J04
DS - AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE
DN - BR CA JP KR RU
CT - CN9210154; GB1183564; US3172916; US3326866
AB - WO9612560 An ion-exchange resin catalyst contg. a sulphonated styrene-divinylbenzene copolymer has the following properties: (1) exchange capacity is 2.8-5.5 mg/g dry resin; (2) 10-30% of sulphonic gps. combines with 1-7C alkyl mercaptoamine via aminosulphate ions; and (3) the catalyst has a porous structure consisting of micro pores and transporting pore routes networks, where the transport pore routes have a major network and branch networks. The pore dia. of the major network is 9multiplied by10-3- 38multiplied by103 nm without swelling, the pore dia. in the branch networks is 20-150 nm and the pore dia. in the micropore area is 5-20 nm. The pores with a dia. of 5-10.4 mum in the micropore area is 50% or more w.r.t. the total vol. of the micropore area.
- Also claimed is the prepn. of the catalyst comprising (1) preparing white resin particles by suspension polymerisation which comprises polymerising styrene and divinylbenzene in a wt. ratio of 75-95:25-5% in the presence of a pore creating agent, where the ratio of the monomers to the pore creating agent is 60-80:20-40% (wt.). The pore creating agent comprises refined paraffin and NY-200 solvent oil in a wt. ratio of